

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

UNSTARRED QUESTION NO:3312  
ANSWERED ON:11.12.2000  
AGRICULTURE RESEARCH PROJECT  
CHINTAMAN NAVSHA WANAGA

**Will the Minister of AGRICULTURE be pleased to state:**

- (a) whether any Agriculture Research Projects have been launched in the country with U.S.A. assistance;  
(b) if so, the details thereof particularly in Maharashtra, State-wise; and  
(c) the details of progress made under the said projects?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE DR. DEBENDRA PRADHAN)

(a) Yes, Sir.

(b) & (c): The details are given in Anexe.

**Annexe-I**

| Sl. No. | Name of the Project<br>(Rs in lakh)  | Loction                          | Total Cost | Duration of the        | Progress   |
|---------|--|----------------------------------|------------|------------------------|--|
| 1.      | Natural Enemies of Besmisia tabaci Genn. And their potential as biocontrol components of Integrated Pest Management (IPM)  | CPRI, Thiruvananthapuram, Kerala | 60.10      | 5 years from 31.5.2003 | The Project is in operation at Central Tuber Crops Research Institute. Thiruvananthapuram (Kerala). The survey was undertaken in the Whitefly infested areas of Kerala, Tamil Nadu |
|         | Maharashtra to collect the parasites of this pest from cassava, sweet potato, cotton and vegeables. Encarsia transvena was found to be potential parasite of whitefly and tested under nethouse conditions. Fecundity of whitefly was found highest on tobacco in comparison to other crops. The whitefly which were maintained on cassava were used for comparative biological studies and it showed that they could successfully complete their development on cassava, eggplant and tobacco but not on sweet potato and cotton. |                                  |            |                        |  |
| 2.      | Regeneration of Agri-biodiversity comprising of Agri-horticultural crops, their wild and weedy relatives and other economically useful plants of South India.  | NBPGR, New Delhi                 | 63.96      | 1998 To Sept. 2002     | October collect and maintain a number of accession in different crops (Rice:3148 Taro 475; Greater Yam: 181 Okra: 869; Banana: 150 clones; Jackfruit: 67; Horse Gram: 973; Sesamum |

spp; 72). These accessions are also being characterised. Certain infra-structure facilities are also being created for recording the data and maintenance of the accessions.

3. Use of in-vitro technology for mass propagation and conservation of clonally/vegetatively propagated crops and their relatives. NBPGR, New Delhi, 66.62 October 1998 To Sept-ember 2002 Established 70 accessions of pepper and 170 accessions of cassava in the nursery as mother plants for obtaining explants For in vitro culture and conservation. Initiated the tissue culture work in the three mandatory crops in this project viz., Cassava, black pepper and ginger.

4. Molecular tagging and precise transfer of rust and Karnal bunt resistance from non progenitor Aegilopes species into cultivated wheats. PAU, Ludhiana, 34.03 October 1998 to Sept-ember Derivatives of wide crosses involving wheat and C.M and U genome Aegilopes spp and their amphiploid were developed and screened for disease resistance. Two derivatives carrying novel resistance to leaf rust from Aegilopes triuncialis have been identified.